

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 4. (Cancelled)

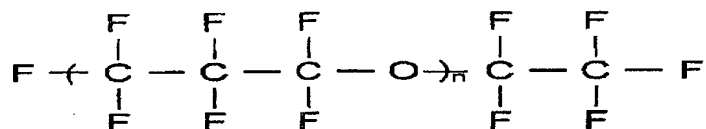
5. (New) A method for manufacturing an optical member which is a laminated optical member including plural lenses, one lens of which is formed of fluorite (CaF₂), another lens of which is formed of synthetic quartz (SiO₂), the optical member being used in the UV region from 100nm to 200nm, the method comprising:

filling a fluorine-based organic compound between the plural lenses; and

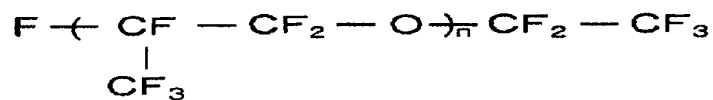
sealing the whole periphery of the plural lenses with an organic solvent-soluble amorphous fluorine resin having an adhesion so as to seal the organic compound filled between the plural lenses,

the fluorine-based organic compound having the formula (1), the formula (2), or the formula (3) as follows:

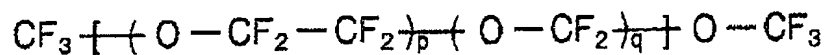
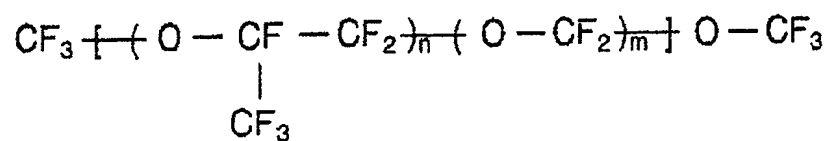
Formula 1



Formula 2



Formula 3



6. (New) The method for manufacturing an optical member according to claim 5, further comprising evaporating a fluoride on a surface of the plural lenses.